

High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 8 Half term: 3

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| **Unit: Natural Planet - Coasts** | **Progress** | | |
| **Key ideas** | **R** | **A** | **G** |
| Coasts and their features |  |  |  |
| Wave action |  |  |  |
| Features formed by erosion; cave, arch, stack and stump. |  |  |  |
| Features formed by deposition; beaches |  |  |  |
| Features formed by transportation; longshore drift & spits |  |  |  |
| Coastal defence strategies |  |  |  |
| Independent study of a coastal area |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | To think about what we already know about coasts  To be able to give a definition of the term ‘coast’  To recognise and name some coastal features | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Coast, Land, Sea |
| **2** | How different types of waves shape the coast  What is erosion?  The four types of erosion | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Backwash, Swash, Constructive, Destructive, Abrasion, Solution, Hydraulic Action, Attrition |
| **3** | Features formed by coastal erosion  How is a cave, arch, stack and stump formed? | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Headland, Bay, Cliff, Joint, Cave, Arch, Stack, Stump, Erosion |
| **4** | Features formed by coastal deposition  How is a beach formed?  Coasts on maps | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Beach, Sediment, Deposition |
| **5** | Features formed by coastal transportation  What is longshore drift? | Formative questioning, Summative test, Regular Recall, ILOs. | Prevailing Wind, Longshore Drift, Swash, Backwash. |
| **6** | Features formed by coastal transportation  What are spits and how are they formed? | Formative questioning, Summative test, Regular Recall, ILOs. | Spit. |
| **7** | To be able to name coastal defence schemes  To be able to describe and explain how some coastal defence schemes work | Formative questioning, Summative test, Regular Recall, ILOs. | Sea Wall, Rock Armour, Groyne, Beach Nourishment, Dune Regeneration |
| **8** | Consider the costs and benefits of some coastal defence schemes, using a named example of an area. | Formative questioning, Summative test, Regular Recall, ILOs. |
| **9** | To complete **independent research**  To **investigate** a **UK coastal** area | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | See above. |